



PTO/SB/08A (10-01)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/890,289
				Filing Date	January 13, 2000
				First Named Inventor	Paul R. Heaton
				Art Unit	1615
				Examiner Name	Not Yet Assigned
Sheet	1	of	4	Attorney Docket Number	HO-P01910US0

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
CLE	AA	2001/0006673-	07-05-2001	Hayek	
	AB	6310090-	10-30-2001	Hayek	
	AC	6133323-	10-17-2000	Hayek	
	AD	5733884-	03-31-1998	Barbul et al.	
	AE	5834044-	11-10-1998	Schmitz et al.	
CLE	AF	5643623-	07-01-1997	Schmitz et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
CLC	BA	IB-01/17364A1-	03-15-2001	Effem Foods Pty Ltd		

Examiner Signature	Charesse Evans	Date Considered	2/2003
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CE	CA	Davis, H.J.; XP-002137042; Abstract Title: Vitamin and nutrient supplements- comprising antioxidant, carotenoid and gluten, used for preventing and treating viral infections in birds, humans, cats and dogs (ZA19960005149 - 06/18/1996)	
	CB	XP-002137041; Abstract Title: Prepri. contg. water-soluble hemi-cellulose and alcohol(s) - used to give flavour, taste and colour to food, pharmaceuticals, cosmetics and pet food. (JP19930254817 - 09/17/1993)	
	CC	Prasad, Kailash, et al.; Oxidative Stress as a Mechanism of Cardiac Failure in Chronic Volume Overload in Canine Model; J Mol Cell Cardiol; Vol. 28, pages 375 - 385; 1996	
	CD	Haq, A.U., et al.; Neonatal Immune Response and Growth Performance of Chicks Hatched from Single Comb White Leghorn Breeders Fed Diets Supplemented with b-Carotene, Canthaxanthin, or Lutein. Poultry Science; Vol. 74, pages 844 - 851; 1995	
	CE	Haq, Akram-Ul, et al.; Effect of B-Carotene, Canthaxanthin, Lutein, and Vitamin E on Neonatal Immunity of Chicks When Supplemented in the Broiler Breeder Diets. Poultry Science; Vol. 75, pages 1092 - 1097; 1996	
	CF	Chew, Boon P.; Antioxidant Vitamins Affect Food Animal Immunity and Health. J. Nutr.; Vol. 125, pages 1804S - 1808S; 1995	
	CG	Chew, Boon P. et al.; Uptake of Orally Administered B-Carotene by Blood Plasma, Leukocytes, and Lipoproteins in Calves. J. Anim. Sci.; Vol. 71, pages 730 - 739; 1993	
	CH	MacDonald, M.L., et al.; Nutrition of the Domestic Cat, a Mammalian Carnivore. Ann. Rev. Nutr.; Vol. 4, pages 521 - 562; 1984	
	CI	Chew, Boon P.; Symposium: Immune Function: Relationship of Nutrition and Disease Control - Vitamin A and B-Carotene on Host Defense. J Dairy Sci; Vol. 70, pages 2732 - 2743; 1987	
	CJ	Park, Jean Soon et al.; Dietary Lutein Absorption from Marigold Extract is Rapid in BALB/c Mice. J. Nutr.; Vol. 128, pages 1802 - 1806; 1998	
	CK	Chew, Boon P., et al.; Dietary BCarotene Stimulates Cell-Mediated and Humoral Immune Response in Dogs. J. Nutr.; Vol. 130, pages 1910 - 1913;; 2000	
	CL	Kallfelz, Francis A., et al.; Overnutrition: An Epidemic Problem in Pet Animal Practice? Veterinary Clinics of North America: Small Animal Practice; Vol. 19 (3), pages 433 - 446; 1989	
	CM	Bendich, Adrienne; Carotenoids and the Immune Response. J. Nutr.; Vol. 119, pages 112 - 115; 1989	
	CN	Bendich, Adrienne; Antioxidant Micronutrients and Immune. Annals New York Academy of Sciences; pages 168 - 180.	
	CO	Sies, Helmut, et al.; Antioxidant Functions of Vitamins - Vitams E and C, Beta-Carotene, and Other Carotenoids. Annals New York Academy of Sciences, pages 7 - 20	
	CP	Paloza, Paola, et al.; Communication - B-Carotene and Z-Tocopherol Are Synergistic Antioxidants. Archives of Biochemistry and Biophysics; Vol. 297 (1), pages 184 - 187; 1992	
	CQ	Schmidt, Karlheinz; Antioxidant vitamins and B-carotene: effects on immunocompetence. Am J Clin Nutr; Vol. 53, pages 383S - 385S; 1991	
	CR	VPN Staff Report; Antioxidants may improve pet health. Veterinary Product News; Vol. 6 (3); March/April 1994	
	CS	Antioxidant vitamin 'missing link' for pets. Feedstuffs; Vol. 67 (2); January 9, 1995	
	CT	Pharmacy Update: Antioxidant Vitamins in Canine Nutrition. Veterinary Technician; page 587; November/December 1994	
CE	CU	Machlin, Lawrence J.; Antioxidant vitamins - Role in disease prevention. Pet Food Industry; Vol. 35 (6); November/December, 1993	



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